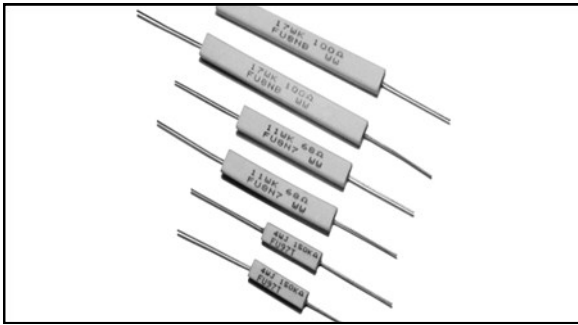


CEMENT RESISTOR

RGK

水泥电阻器
CEMENT RESISTOR (RGK Type)



本体颜色 : Body color
白色 : White
标示 : Marking
文字 : Alphanumeric

特性 Feature

- ◎ 不燃与绝缘之安全设计
- ◎ Compact type with safety design of non-flammability and insulation.
- ◎ 可提供低电感
- ◎ Low inductance is available.
- ◎ 长期稳定性佳
- ◎ Stable long life.
- ◎ 可依客户需求制作
- ◎ Can be produced according to customer's request.
- ◎ 产品符合欧盟 RoHS 要求
- ◎ Products meet EU-RoHS.

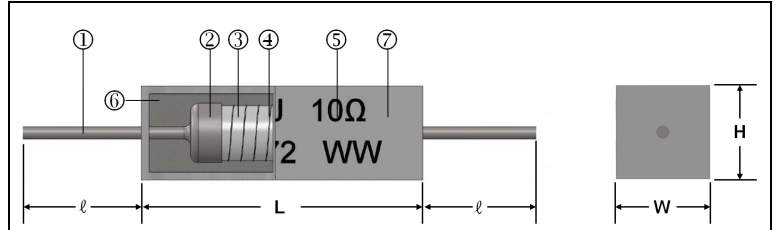
参考规格 Reference standards

- JIS C 5201-1

额定 Ratings

Rated Power(W)	阻值范围 Resistance Range(Ω)	温度系数 T.C.R.	误差值 Tolerance	最高使用电压 Max. Working Voltage	最高过负荷电压 Max. Overload Voltage	耐电压 Dielectric Withstanding Voltage
4	0.01Ω~ 9.1K	± 350ppm/°C	F±1% G±2% J±5% K±10%	1000V	2000V	2000V
5	0.022Ω~ 15K					
6	0.022Ω~ 15K					
7	0.05Ω~ 30K					
9	0.05Ω~ 33K					
11	0.1Ω~ 47K					
17	0.20Ω~ 82K					

结构图 Construction



1	端子线	Lead wire	5	标示	Marking
2	铁帽	Cap			
3	瓷棒	Ceramic base	6	绝缘涂料	Insulation coat
4	绕线 / 皮膜	Wire wound / Film	7	瓷壳	Ceramic case

外型尺寸 Dimensions

Rated Power (W)	W (mm)	H (mm)	ℓ (mm)	L (mm)
4	6.8±0.3	6.8±0.3	33±3	25±1
5	6.8±0.3	6.8±0.3		25±1
6	6.8±0.3	6.8±0.3		25±1
7	6.8±0.3	6.8±0.3		33±1
9	9.5±0.5	9.5±0.5		33±1
11	9.0±0.3	9.0±0.3		50±1
17	9.5±0.5	9.0±0.3		75±1

料号编码 Type composition

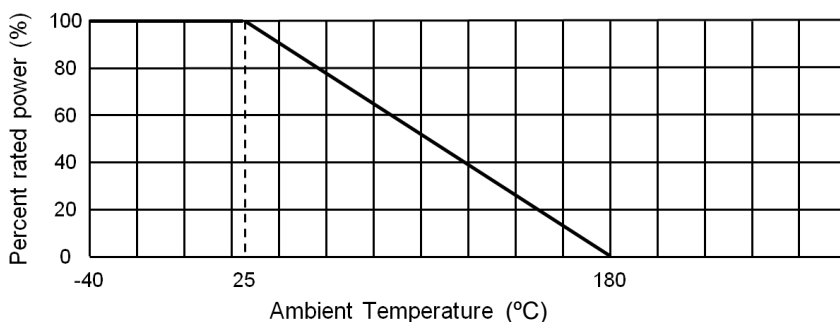
例 Example

RGK	05	J	R100	S000	NH
型名 Type	额定功率 Rated Power	误差值 Tolerance	电阻值(Ω) Resistance	二次加工 Forming	端子线 Lead Wire
	04:4W	F±1%	R010=0.01	See table below	热镀线
	05:5W	G±2%	R100=0.1		Heat plated
	07:7W	J±5%	1R00=1		
	A0:10W	K±10%	10R0=10 1000=100 1001=1K 1002=10K		

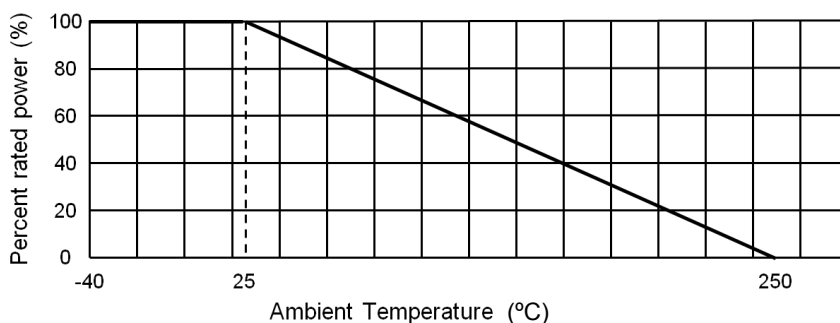
■ 额定温度下降曲线图 Derating curve

例 Example

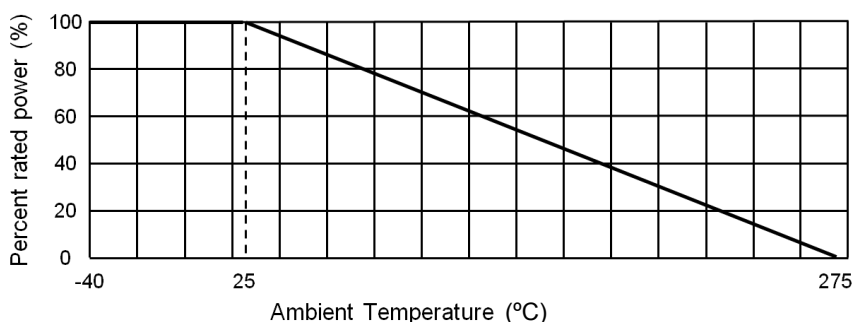
4W~7W



9W~11W



>15W



■ 性能 Performance

试验项目 Test Items	规格值 Performance Requirements	试验方法 Test Methods
电阻值 Resistance	规定的误差值内 Within specified tolerance	测量点从端盖 10mm Measuring points are 10mm from the end cap
温度系数 T.C.R.	规定值内 Within specified T.C.R.	室温+100°C Room temperature +100°C
短时间过负荷 Short time overload	±(1%+0.05Ω)	6.25 倍额定功率, 5 秒 6.25 times the rated power for 5 seconds
负荷寿命 Load life	±(5%+0.1Ω)	Rated voltage at 70°C for 1,000 hours 1.5hr ON / 0.5hr OFF Cycles
耐湿负荷寿命 Load life in humidity	±(5%+0.1Ω)	10% rate power load 40°C, 95% RH for 1,000 hours; 1.5h ON / 0.5h OFF cycle
温度循环 Temperature cycle	±(1%+0.05Ω)	5 cycles for -25°C (30min) : room temp.(30min) ~ +85°C (30min) room temp. (30min)
焊锡耐热 Resistance to soldering heat	±(1%+0.05Ω)	260°C ± 5°C for 10 seconds (焊锡槽) 350°C ± 10°C for 3.5 seconds (手焊锡)
绝缘电阻 Insulation resistance	>1000MΩ	500V 绝缘测试 1 分钟 500V insulation test 1min.